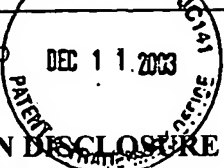


Substitute for form 1449/PTO (Revised 04/2003)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>		
		Application Number		10/631,907		
		Filing Date		July 31, 2003		
		First Named Inventor		Edward Litwinski		
		Group Art Unit		3679		
Examiner Name		To be assigned				
Sheet 1 of 1		Attorney Docket Number		38190/267786		
<b>U. S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear	
<i>mw</i>	1	US-6,230,957B1	05-15-2001	Arbegast, et al.		
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
<i>mw</i>	2	EP 1 162 283 A2	12-12-2001	The Boeing Com.		
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<b>OTHER DOCUMENTS</b>						
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				English Language Translation Attached
<i>mw</i>	5	DONALD S. CLARK, Ph.D. and WILBUR R. VARNEY, M.S., <i>Physical Metallurgy For Engineers</i> , January 31, 1962, four pages, second edition, D. Van Nostrand Company, Inc., Princeton, New Jersey				
Examiner Signature		<i>Wilson</i>		Date Considered	<i>8/23/04</i>	

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.